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- > [VOYZ](#) /
- > [VOYZ 5.25" Black Wall Speakers Instruction Manual](#)

VOYZ VZ-B105T

VOYZ 5.25" Black Wall Speakers Instruction Manual

Model: VZ-B105T

1. INTRODUCTION AND OVERVIEW

Thank you for choosing the VOYZ 5.25" Black Wall Speakers. These 2-way passive loudspeakers are designed for both indoor and outdoor architectural applications, offering full-range dynamic sound. They feature a water-resistant design, making them suitable for various environments. This manual provides essential information for the proper setup, operation, and maintenance of your speakers.



Image: A pair of VOYZ 5.25" black wall speakers, showcasing their compact and versatile design. One speaker is shown upright, and the

other is angled, demonstrating potential mounting orientations.

2. PACKAGE CONTENTS

Please check the package for the following items:

- 2 x VOYZ 5.25" Black Wall Speakers
- Mounting Brackets (pre-attached or included)
- Instruction Manual (this document)

3. KEY FEATURES

- **High-Performance 2-Way Speaker Design:** Features a 5.25" mineral-filled polypropylene woofer with rubber suspension for deep bass and a 1" dome tweeter for crisp, clear highs.
- **Powerful & Efficient Audio Output:** Delivers up to 240W peak power per pair (140W per unit) with 35W RMS power, ensuring robust and dynamic sound.
- **Wide Frequency Response:** Covers 90Hz - 20kHz, providing well-balanced audio across the full frequency range.
- **Optimized for Maximum Compatibility:** With an 8-ohm impedance and 91 dB sensitivity, these speakers offer high efficiency and seamless integration with most amplifiers and sound systems.
- **Indoor and Outdoor Use:** Designed for versatile placement in various environments.
- **Water-Resistant:** Constructed to withstand outdoor elements.

4. SAFETY INFORMATION

WARNING: This product can expose you to lead, which is known to the State of California to cause birth defects or other reproductive harm. For more information, please refer to the official California Proposition 65 Warnings Website.

- Do not expose speakers to extreme temperatures or direct sunlight for prolonged periods.
- Ensure proper ventilation around the speakers.
- Disconnect power before making any connections or performing maintenance.
- Use only specified power and audio sources.

5. SETUP AND INSTALLATION

5.1 Mounting the Speakers

The VOYZ speakers are designed for wall mounting and come with integrated mounting brackets. Ensure the mounting surface is sturdy enough to support the weight of the speakers.

1. Determine the optimal location for your speakers, considering sound dispersion and cable routing.
2. Position the speaker against the wall and mark the drilling points for the mounting bracket.
3. Drill pilot holes at the marked locations. Use appropriate wall anchors if mounting into drywall.
4. Secure the speaker's mounting bracket to the wall using suitable screws.
5. Adjust the speaker angle as desired using the swivel knob on the bracket.



Image: Side view of the VOYZ speaker, highlighting the robust, integrated mounting bracket that allows for secure wall installation and angle adjustment.

5.2 Wiring and Connections

Connect the speakers to your audio amplifier using appropriate speaker wire. Observe correct polarity (positive to positive, negative to negative) to ensure optimal sound performance.

- Locate the red (+) and black (-) binding posts on the rear of each speaker.
- Connect the positive (+) terminal of your amplifier's speaker output to the red (+) terminal on the speaker.

- Connect the negative (-) terminal of your amplifier's speaker output to the black (-) terminal on the speaker.
- Ensure all connections are secure to prevent signal loss or short circuits.



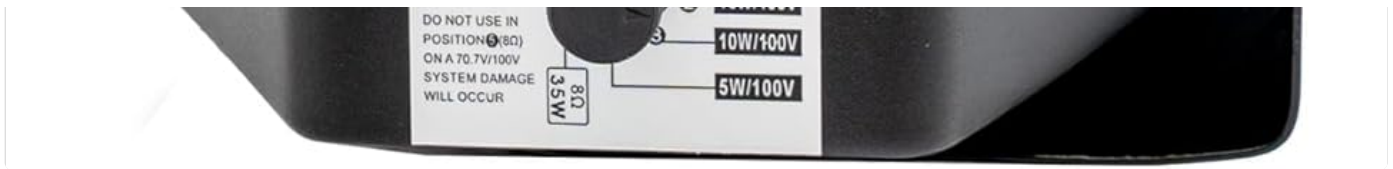


Image: Detailed rear view of the VOYZ speaker, showing the red and black binding post terminals for audio input and the rotary selector switch for impedance/power settings.

5.3 Impedance/Power Selection Switch

The VZ-B105T speakers feature a selector switch on the rear panel, allowing you to choose between different power taps for 70V/100V constant voltage systems or standard 8 Ohm operation. Ensure the switch is set to the correct position matching your amplifier's output and system requirements.

- **8 Ohm:** For standard home audio amplifiers.
- **70V/100V Taps:** For commercial constant voltage systems. Select the wattage tap (e.g., 5W, 10W, 15W) that corresponds to your system's design.

Caution: Setting the switch incorrectly can damage the speaker or amplifier. Consult a professional if unsure about your system's requirements.

6. OPERATION

Once properly installed and connected, your VOYZ speakers are ready for use. Ensure your amplifier is turned off before making connections, then power it on and adjust the volume to a comfortable listening level. These speakers are designed to deliver clear and dynamic audio for a variety of applications.

For optimal sound quality, ensure the audio source is of good quality and the amplifier is not overdriven, which can lead to distortion and potential speaker damage.

7. MAINTENANCE

To ensure the longevity and performance of your VOYZ speakers, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the speaker cabinets. For stubborn dirt, a slightly damp cloth can be used, but avoid excessive moisture. Do not use harsh chemicals or abrasive cleaners.
- **Outdoor Use:** While water-resistant, avoid direct exposure to high-pressure water jets or prolonged submersion. If used in harsh outdoor conditions, periodically check connections for corrosion.
- **Inspection:** Periodically inspect speaker wires and connections for any signs of wear or damage.

8. TROUBLESHOOTING

If you encounter issues with your speakers, refer to the table below for common problems and their solutions.

Problem	Possible Cause	Solution
No Sound	Loose connections, incorrect amplifier settings, incorrect impedance switch setting.	Check all speaker wire connections. Ensure amplifier is on and input is selected. Verify the impedance/power selector switch is set correctly.
Distorted Sound	Overdriven amplifier, damaged speaker wire, incorrect impedance setting.	Reduce amplifier volume. Check speaker wire for damage. Confirm impedance/power selector switch setting.

Problem	Possible Cause	Solution
One Speaker Not Working	Faulty connection to one speaker, damaged speaker wire, amplifier channel issue.	Check connections for the non-working speaker. Swap speakers to determine if the issue is with the speaker or the amplifier channel.

9. SPECIFICATIONS

Feature	Detail
Model Name	VZ-B105T
Speaker Type	2-Way Passive, Indoor/Outdoor Architectural Speaker
Woofer Diameter	5.25 Inches (Mineral-filled polypropylene with rubber suspension)
Tweeter Diameter	1 Inch (Dome)
Peak Power Output	240W (per pair) / 140W (per unit)
RMS Power	35W
Impedance	8 Ohm (selectable 70V/100V taps)
Frequency Response	90Hz - 20kHz
Sensitivity	91 dB
Mounting Type	Wall Mount (integrated bracket)
Material	Plastic
Color	Black
Product Dimensions (D x W x H)	7.17" x 6.3" x 9.25"
Is Waterproof	True (Water-Resistant)
UPC	657559799512



Image: A visual representation of the VOYZ speaker with its key dimensions labeled: 9.25 inches in height, 6.3 inches in width, and 7.17 inches in depth.

10. WARRANTY AND SUPPORT

Warranty Type: Limited Warranty.

For specific warranty terms and conditions, please refer to the documentation included with your purchase or contact VOYZ customer support. Optional protection plans (e.g., 2-Year, 3-Year) may be available for extended coverage. For technical support, troubleshooting assistance, or inquiries regarding your VOYZ speakers, please visit the official VOYZ website or contact their customer service department. Contact information can typically be found on the product packaging or the manufacturer's website.

VOYZ Official Website: www.voyzusa.com

